

## ABSTRACT

On an information recording medium, an entire stream including a plurality of portion streams, each of which is provided with a series of content information, such as picture information or video information and audio information, is multiplexed-and-recorded by a unit of packet. The information recording medium is provided with a file for storing object data, which is provided with a plurality of packets, each of which stores therein a piece of the picture information or the audio information. The information recording medium is further provided with a file for storing information which defines a reproduction sequence of the object data and a file for storing correspondence definition information which is not multiplexed by the unit of packet and which defines a correspondence relationship between a plurality of packets multiplexed on a time axis and the plurality of portion streams.